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**Dibutyl disulfide (Reagent)**

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## Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Reagent Association (JRA)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS K 8119: 2004**), which has been technically revised.

However, **JIS K 8119: 2004** may be applied in the **JIS** mark certification based on the relevant provisions of Article 30, paragraph (1), etc. of the Industrial Standardization Act until 21 August 2021.

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## Dibutyl disulfide (Reagent)



$C_8H_{18}S_2$     *FW*: 178.36

### 1 Scope

This Japanese Industrial Standard specifies the requirements for dibutyl disulfide to be used for the analysis of sulfur content by radiation excitation method.

**WARNING 1** Dibutyl disulfide has anesthetic effect in its vapour. Pay attention to the exhaust ventilation. Its contact with mucous membrane/skin should be prevented with utmost care. It is flammable, and should be kept at a distance from ignition sources such as heat/sparks/open flames/high temperature substances and from combustibles as far as possible.

**WARNING 2** Persons carrying out tests based on this Standard should be familiar with normal laboratory practice. This Standard does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user of this Standard to establish appropriate safety and health practices by reference to SDS (safety data sheets), etc.

**NOTE** Alias : Di-*n*-butyl disulfide, DDBS

### 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

- JIS K 0050 *General rules for chemical analysis*
- JIS K 0061 *Test methods for density and relative density of chemical products*
- JIS K 0062 *Test methods for refractive index of chemical products*
- JIS K 0068 *Test methods for water content of chemical products*
- JIS K 0114 *General rules for gas chromatography*
- JIS K 0117 *General rules for infrared spectrophotometric analysis*
- JIS K 8001 *General rules for test methods of reagents*
- JIS K 8891 *Methanol (Reagent)*

### 3 Type

The type shall be of that for the analysis of sulfur content by radiation excitation method.